

Abstract

A lens having a reflective surface, and systems that use such a lens. The lens includes a transmissive part for passing a portion of an incident light beam, and a reflective part for reflecting a portion of the incident light beam, and the reflective part is 5 preferably substantially non-transmissive. Such a lens may be particularly suitable in systems that include a back monitor photo detector that is used for sampling and controlling the output power of a light source.